

**Notice of Allowability**

Application No.

10/698,037

Examiner

JAMES C. KERVEROS

Applicant(s)

BARONE, MASSIMILIANO

Art Unit

2138

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 6/13/2006.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☒ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

JAMES C. KERVEROS  
Examiner, Art Unit 2138

### **NOTICE OF ALLOWANCE**

This is a Notice of Allowance in response to Amendment filed 6/13/2006.

Claims 1-22 were examined in the prior Office Action.

#### ***Priority***

Acknowledgment is made of applicant's claim for foreign priority based on an application filed in the EUROPEAN PATENT OFFICE (EPO) on 10/30/2002. It is noted, however, that applicant has not filed a certified copy of the 02425660.4 application as required by 35 U.S.C. 119(b).

Objection of Claims 1-14 and 18-22 is hereby withdrawn in view of the Amendment to the claims as required.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Paul F. Rusyn on June 30, 2006.

The application has been amended as follows:

The TILTLE has been amended as follows:

Art Unit: 2138

“Method and system for compressing ~~high-repetitivity~~ repetitive data, in particular data used in memory device testing”.

The SPECIFICATION has been amended as follows:

Paragraph 2 has been amended as follows:

[2] The present invention relates to a method for compressing ~~high-repetitivity~~ repetitive data. In particular, the present invention finds advantageous, but non-exclusive, application in the compression of data used in memory device testing, to which the ensuing treatment will make explicit reference without, however, this implying any loss in generality.

Paragraph 14 has been amended as follows:

[14] According to one aspect of the present invention, a method is provided for compressing ~~high-repetitivity~~ repetitive data, as defined in Claim 1.

The CLAIMS have been amended as follows:

CLAIM 1, first paragraph lines, 1 and 2, has been amended as follows:

A method for compressing ~~high-repetitivity~~ repetitive data, in particular data used in memory device testing, comprising the steps of:

CLAIM 16, line 1, the term “claim 1” was changed to –claim 15--.

CLAIM 17, line 1, the term “claim 1” was changed to –claim 15--.

***Allowable Subject Matter***

Claims 1-22 are allowed.

**REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance:

The prior arts of record taken alone or in combination fail to teach, anticipate, suggest or render obvious the claimed invention of method for compressing high repetitive data recited in the independent claim 1, as currently amended, including among other limitations, a word with a format for compressible data having a first set of bits that indicates the total number of subsequent words, which, together with the word, encode the sequence of repetitive data.

Independent claim 15, as currently amended, similarly recites a method for compressing high repetitive data, including among other limitations, a compressible data word, having a first group of bits indicating a total number of subsequent words that define a repetitive sequence within the data and which together with the word encode that sequence of repetitive data.

Independent claim 18, as currently amended, recites an electronic system, including among other limitations, a compressible data word, having a first group of bits indicating a total number of subsequent words that define a repetitive sequence within the data and which together with the word encode that sequence of repetitive data.

Claims 2-14, 16, 17, 19-22 are directly or indirectly depended upon independent claims 1, 15 and 18 and therefore are also allowable.

Consequently, claims 1-22 are allowed over the prior arts of record.

Art Unit: 2138

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES C. KERVEROS whose telephone number is (571) 272-3824. The examiner can normally be reached on 9:00 AM TO 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert Decady can be reached on (571) 272-3819. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

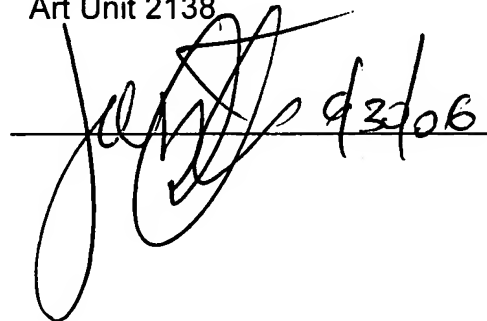
Art Unit: 2138

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Date: 30 June 2006  
Office Action: Allowance

JAMES C KERVEROS  
Examiner  
Art Unit 2138

A handwritten signature in black ink, appearing to be 'J. Kerveros', is written over a horizontal line. To the right of the signature, the date '9/30/06' is handwritten.